

ABSTRACT

The present invention relates to an electro-hydraulic unit (10) in particular for an automotive vehicle anti-locking wheel device, said electro-hydraulic unit being of the type comprising two separate parts:

- an electronic control (13) within which is located particularly an electronic card (14), winding (17) as well as an electric motor (15) provided with a rotor and a stator, said motor being adapted to drive a pump, and
- a hydraulic unit (11), comprising the pump and a plurality of valves (12), the whole electronically directed by the control (13),

said electro-hydraulic unit being characterized in that it comprises moreover:

a ferromagnetic circuit (22) common at least partially to the stator and to the winding (17).

Figure 1

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List of reference numerals used

	10	electro-hydraulic unit
	11	hydraulic unit
5	12	valve
	13	control
	14	electronic card
	15	motor
	16	connector and electrical connections
10	17	winding
	18	collector
	19	wound rotor
	20	housing
	21	magnet
15	22	ferrocircuit
	23	annular flange
	24	annular member to loop the field
	25	brushes.
	26	joints.
20	27	lubrication retention zone.